

King County DNRP Water Quality Index

STATION **430** WATER YEAR **2018**

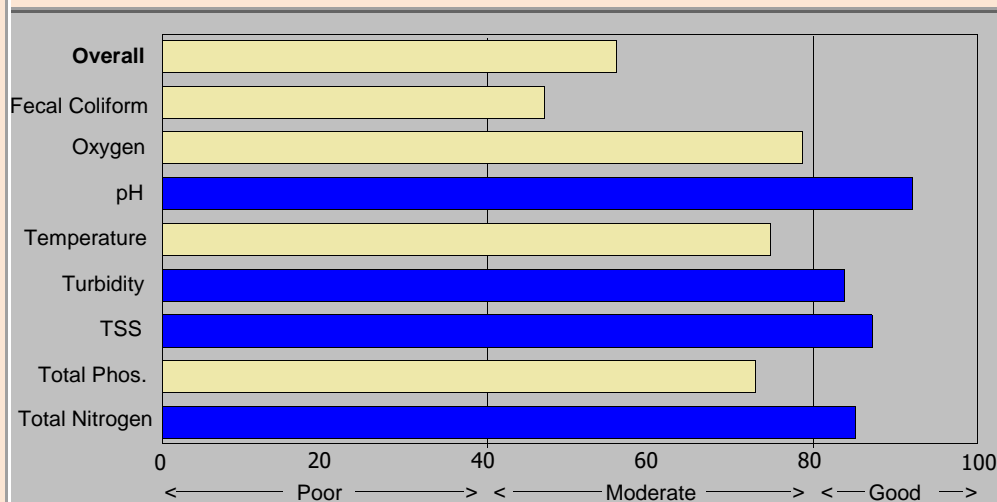
GAUGE # 34a Lyon Creek near Mouth in Lake Forest Park

Overall Index 56

King County has monitored water quality in Lyon Creek at station 0430, located at the bridge inside the Lake Forest Park Civic Club property since 1975. Lyon Creek originates from wetlands in south Snohomish County and flows 3.8 miles through Lake Forest Park, before draining into the northwest corner of Lake Washington. The basin encompasses 2,600 acres. The creek is on the Washington State Department of Ecology's 303(d) list, Category 5, for violations of temperature, dissolved oxygen, and fecal coliform bacteria standards. Lyon Creek is also listed for bioassessment scores that indicate that biological integrity is degraded.

Annual Water Quality Index Scores

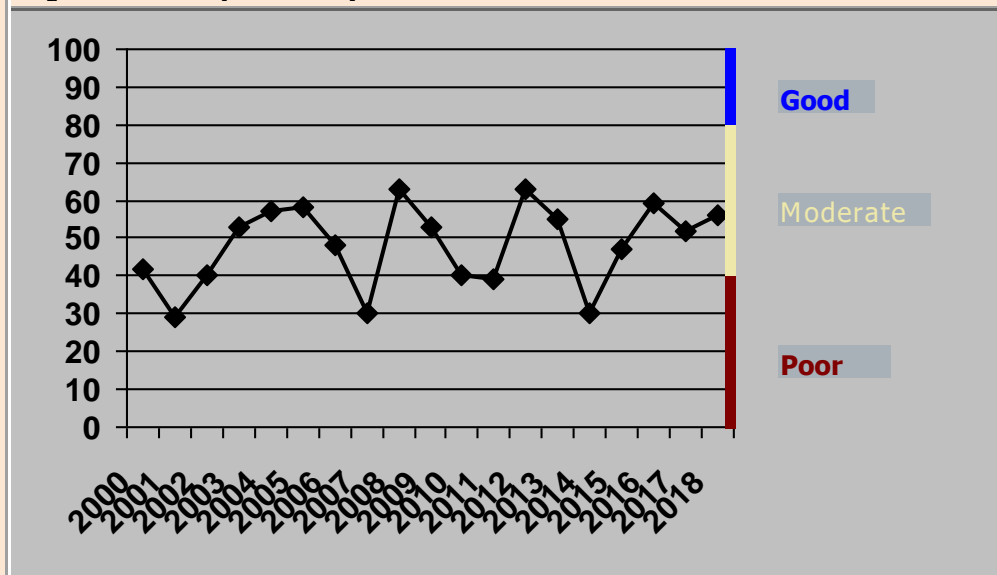
Water quality was MODERATE based on data collected 10/1/2017 to 9/30/2018.



Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
75	52	91	89	78	92	88	77	62	54	68	86

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>